| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| L1       | 123  | (rosenzweig or pfaendtner).in. and (turbine or alumini\$5) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/12 10:51 |
| L2       | 2    | (turbine and alumini\$5 and hydroxide and particles).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/12 10:51 |
| S1       | 406  | (216/102).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/06 16:55 |
| S2       | 11   | aluminiz\$3 with (internal adj cavity)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/06 16:59 |
| S3       | 12   | (aluminiz\$3 with cavity) and turbine                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/06 16:55 |
| S4       | 12   | (alumini\$4 with cavity).clm. and turbine                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/09 14:05 |
| S5       | 37   | (hydroxide and alumini\$4).clm. and turbine                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/06 16:56 |
| S6       | 1    | (hydroxide and alumini\$4).clm. and (turbine with cavity)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/06 16:57 |
| S7       | 6    | (hydroxide and alumini\$4).clm. and (turbine and cavity)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/06 16:57 |
| S8       | 24   | aluminiz\$3 with (internal adj (cavity or surface))        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/06 16:59 |

| S9   30   (turbine or airfoil) and (aluminiz\$3)   US-PGPUB; OR USPAT; EPO; JPO; DERWENT; IBM_TDB   S10   12   (turbine or airfoil) and (aluminiz\$3)   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   OR USPAT; EPO; JPO; DERWENT; ISM_TDB   OR USPAT; EPO; JPO; DERWENT; ISM_TDB   OR USPAT; USPA | 17:12 |
|--|-------|
| and (particles with oxidiz\$3) and hydroxide  S11  |       |
| hydroxide   USPAT;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;   EPO; JPO;   USPAT;   EPO; JPO;   DERWENT;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;   EPO; JPO;   DERWENT;   IBM_TDB   USPAT;   US   | 15:31 |
| hydroxide) and aluminiz\$3  USPAT; EPO; JPO; DERWENT; IBM_TDB  7 ("3121026"   "3126301"   "4073662"   US-PGPUB; "4134777"   "4317685").PN.  USPAT;   |       |
| "4134777"   "4317685").PN. USPAT;  | 17:13 |
|  | 17:13 |
| S14 28 ("4439241").URPN. USPAT OR OFF 2005/12/06   | 17:16 |
| S15 100 aluminiz\$5 and slurry and activator US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   | 19:25 |
| S16 8 (("5643474") or ("6274078") or ("6210488") or ("6544346")).PN. US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   | 4:06  |
| S17 2171 (turbine or airfoil or superalloy) and ((potassium adj hydroxide) or KOH)  US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB  | 5:39  |
| S18   58   ((turbine or airfoil or superalloy) and ((potassium adj hydroxide) or KOH)).   US-PGPUB;   OR   OFF   2005/12/09   Clm.   OFF   2005/12/09  | .5:33 |
| S19 43 (turbine or airfoil or superalloy) and ((potassium adj hydroxide) or KOH) EPO; JPO; DERWENT; IBM_TDB  | .3:43 |
| S20 43 S18 or S19 EPO; JPO; DERWENT; IBM_TDB OR OFF 2005/12/09   |       |
| S21 1 1998-040081.NRAN. DERWENT OR OFF 2005/12/09  | 5:34  |

| S22 | 273  | (turbine or airfoil or superalloy) and ((potassium adj hydroxide) or KOH) and ultrasonic\$5                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/12/10 15:25 |
|-----|------|--|---|------|-------|------------------|
| S23 |      | (turbine or airfoil or superalloy or<br>aluminiz\$3 or aluminide) and<br>((potassium adj hydroxide) or KOH)<br>and ultrasonic\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/12/10 13:46 |
| S24 | 2    | ("5707453").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/12/09 16:16 |
| S25 | 2    | (degraded adj coating) and ((potassium adj hydroxide) or KOH)  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                        | OR   | OFF   | 2005/12/10 15:24 |
| S26 | 22   | (degraded adj coating) and<br>((potassium adj hydroxide) or KOH)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/12/10 13:46 |
| S27 | 32   | (degraded adj coating) and (hydroxide or KOH)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/12/10 13:46 |
| S28 | 56   | (aluminiz\$3 or aluminide) with<br>(repair\$3 or remov\$3) and<br>((potassium adj hydroxide) or KOH)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/12/10 14:01 |
| S29 | 2    | ("5507306").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF   | 2005/12/10 14:05 |
| S30 | 3    | (alstom adj power).as. and (koh or hydroxide)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF   | 2005/12/10 14:53 |
| S31 | 4508 | (turbine or aluminide or airfoil) and (particles or sintered or ceramic or oxide) and (koh or hydroxide)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF . | 2005/12/10 14:55 |

| S32 | 1769 | (turbine or aluminide or airfoil) and<br>(particles or sintered or ceramic or<br>oxide) and (koh or hydroxide) and<br>(agitat\$4 or ulrasonic\$5)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF      | 2005/12/10 14:56 |
|-----|------|---|---|------|----------|------------------|
| S33 | 1772 | (turbine or superalloy or airfoil) and (aluminide or particles or sintered or ceramic or oxide) and (koh or hydroxide) and (agitat\$4 or ulrasonic\$5)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR · | OFF      | 2005/12/10 15:02 |
| S34 | 1790 | S32 or S33  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF      | 2005/12/10 15:04 |
| S35 | 17   | (turbine or superalloy or airfoil) and<br>(aluminide or particles or sintered or<br>ceramic or oxide) near20 (koh or<br>hydroxide) near20 (agitat\$4 or<br>ulrasonic\$5)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF      | 2005/12/10 15:03 |
| S36 | 1347 | (turbine or superalloy or airfoil) and<br>(aluminide or particles or sintered or<br>ceramic or oxide) near20 (koh or<br>hydroxide)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF      | 2005/12/10 15:03 |
| S37 | 25   | S34 and (turbine\$1 or (cooling adj<br>hole\$1) or airfoil\$1 or hollow or<br>(internal adj surface) or diffusion or<br>aluminide or (thermal adj barrier)).ti.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF<br>, | 2005/12/10 15:06 |
| S38 | 25   | S34 and (turbine\$1 or (cooling adj<br>hole\$1) or airfoil\$1 or hollow or<br>(internal adj (surfac\$2 or passages))<br>or diffusion or aluminide or (thermal<br>adj barrier)).ti.      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF      | 2005/12/10 15:07 |
| S39 | 301  | (turbine or airfoil or superalloy or<br>aluminide or aluminiz\$5 or (thermal<br>adj barrier) or (diffusion adj coating))<br>and ((potassium adj hydroxide) or<br>KOH) and ultrasonic\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF      | 2005/12/10 15:26 |
| S40 | 123  | (((potassium adj hydroxide) or KOH) and ultrasonic\$5).clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF      | 2005/12/10 15:27 |